

SECTION 02050

ROOF DEMOLITION AND DISPOSAL

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Provide all labor, material, equipment, and tools as required to remove the existing roofing systems for reroofing as specified in this Section.
- B. Provide for the proper disposal of all existing materials designated to be removed. Provide approved trash receptacles in areas designated by the owner's representative.
- C. Coordinate the roof removal and preparation work with the new roofing work in such a manner as to keep the existing plywood deck, lightweight concrete fill over metal deck, roofing materials, building, and building interior absolutely clean, dry and watertight.
- D. Testing has confirmed that no asbestos containing materials are present which would require removal/abatement.

PART 2 - PRODUCTS

(No products required in this Section).

PART 3 - EXECUTION

3.01 PROTECTION OF SURFACES

- A. Contractor shall take all necessary precautions during roof preparation to protect the building and adjacent surfaces from being soiled or damaged.
- B. When weather threatens, cease work under this section and return roof to a watertight condition.
- C. Contractor shall restore to original condition any damages caused during work performed in this Section.
- D. Return all roof drains to operating condition at the end of each working day.

**3.02 DEMOLITION OPERATIONS**

- A. Execute demolition in careful and orderly manner.
- B. Demolition procedures should avoid excessive vibration that would be transmitted through the structure and finish materials.
- C. Existing Roof Removal:
  - 1. Remove existing roofing, insulation, and flashings; abandoned and obsolete equipment; pitch pans, vents, curbs, and other such items; and sheet metal down to roof deck.
  - 2. Do not stockpile debris on roof surface. Promptly dispose of obsolete equipment and debris at authorized disposal site each day.
  - 3. When hauling debris over existing roof membrane, provide protection to the existing roof system using plywood set on one-inch minimum EPS insulation board. Contractor shall secure all protection materials to prevent them from becoming airborne during high winds or wind gusts.
  - 4. Remove existing debris from the roof and utilizing access routes as identified on the drawings or as approved by the owner.
  - 5. Contractor shall coordinate and remove all asbestos containing materials in accordance with the specifications.

**3.03 DISPOSAL**

- A. Properly dispose of all debris from roof preparation on a daily basis.
- B. Do not store debris on roof. Contractor shall take care not to overstress roof deck.
- C. Provide closed trash chutes or other approved means for removal of debris.
- D. Contractor shall dispose of all lead or asbestos containing materials that may be present as specified in accordance with all Federal, State and Local Laws.

**3.04 PREPARATION OF SURFACES**

- A. Maintain watertight conditions at all times.
- B. Install interior protection as needed to prevent dust infiltration.

C. Protect adjacent surfaces.

3.05 CLEAN UP

A. Prior to the completion of the work remove from the job site all tools, equipment, debris and waste.

B. Conduct final cleaning as required.

**END OF SECTION**